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No. 36] NEW DELHI, SATURDAY, SEPTEMBER 8, 1979 (BHADRA 17, 1901)

इस भाग में भिन्न पृष्ठ संख्या की जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 8th September 1979

CORRIGENDUM

In the Gazette of India, Part III—Section 2 dated the 7th July, 1979 under the heading "Complete Specification Accepted"—

at page 414, column 1

Against Application No. 298/Del/77 insert No. 146544.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

2nd August, 1979

802/Cal/79. Gutehoffnungshutte Sterkrade Aktiengesellschaft. Bucket-Conveyor.

803/Cal/79. Leningradsky Politekhnichesky Institut. System for deferring extrema of continuous random processes.

804/Cal/79. Envirotech Corporation. Twin belt vacuum washer.

3rd August, 1979

805/Cal/79. Fives-Caill Babcock. Sugar cane mill facilities for the extraction of sugar from sugar cane.

806/Cal/79. Escher Wyss Limited. Support member

807/Cal/79. Anic S.p.A. Process for the production of ammonium polyphosphate and apparatus therefor.

808/Cal/79. The Western States Machine Company. Power-operated leading gate for centrifugal machines incorporating an auxiliary drive device.

809/Cal/79. United Technologies Corporation. Multi-mode control system for wind turbines.

4th August, 1979

810/Cal/79. Voest-Alpine Aktiengesellschaft. Arrangement for cooling the cutter teeth of the cutting tool of a rock-cutting machine and for cooling the breast.

811/Cal/79. VEB Gaskombinat Schwarze Pumpe. Feed hoppers for gas producers or generators.

812/Cal/79. CSR Limited. Method of producing a building element. (August 4, 1978).

813/Cal/79. Lucas Industries Limited. Electro-magnetic devices. (August 5, 1978).

814/Cal/79. Swiss Aluminium Ltd. Continuous strip casting of aluminiumalloy for container components.

815/Cal/79. Swiss Aluminium Ltd. Process for preparing low earring aluminiumalloy strip.

6th August, 1979

816/Cal/79. The Upjohn Company. Polymeric isocyanate binder with internal release agent.

7th August, 1979

817/Cal/79. Bracker AG. Process and apparatus for lubricating the ring whirl of a ring type spinning or twisting machine.

818/Cal/79. Cummins Engine Company, Inc. Internal combustion engine fan drive.

819/Cal/79. Siemens Aktiengesellschaft. Control apparatus for current converters.

21st July, 1979

820/Cal/79. J. J. Bollmann. Systems for anchoring structural members.

821/Cal/79. Diamond Shamrock Corporation. Oxygen electrode rejuvenation methods.

822/Cal/79. Burn Standard Company Limited. Friction prop with link bars.

APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

21st July, 1979

209/Bom/79. M/s. Sarabhai Research Centre. Process for preparing substituted 2H Benzopyrans.

24th July, 1979

210/Bom/79. M/s. Konkan Chemicals Private Limited. Process for the manufacture of Paraformaldehyde (Division application to 427/Bom/76 dated 6-12-76).

25th July, 1979

211/Bom/79. Mr. S. L. Kalsur. An Improved Cycle propelled by leg and hand force.

28th July, 1979

212/Bom/79. Shri Padmanna Jambu Chougule. A composite monolithic building structure (Patent of Addition to Application No. 326/Bom/75 dated 20-11-75).

30th July, 1979

213/Bom/79. Shri Homi Kaikhurshru Erani. Improvements in Internal combustion engines.

1st August, 1979

214/Bom/79. M/s. Searle India Limited. A process for the production of α -Acetoxy-3-phenoxybenzyl cyanide

APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

31st July, 1979

142/Mas/79. R. Ganesan. Backpack Stretcher.

2nd August, 1979

143/Mas/79. Brakes India Ltd. Actuators for Hydraulic Brake Systems in Vehicles.

144/Mas/79. Brakes India Ltd. A switch for use on D.C. Circuits.

145/Mas/79. A. V. Khanderia. A Device to see the Rear View.

4th August, 1979

146/Mas/79. R. Ganesan. Health Team Backpack Kit.

147/Mas/79. K. R. Rao, Dr. B. L. Deekshatulu, O.P. Bajpai, Y. Sambamurti & K. M. M. Rao. Multispectral Additive Colour Viewer.

ALTERATION OF DATE

146771. } Ante-dated 5th May, 1977.
118/Cal/78. }

146772. } Ante-dated 24th September, 1976.
184/Cal/78. }

146788. } Ante-dated 10th June, 1974.
1018/Cal/77. }

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents or any of the applications concerned at any time within four months of the date this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to India Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Shankar Ray Road, Calcutta in due course. The price of each specification is Rs. 2/- (postage extra is sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specification as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 123 146770.
Int. Cl.-C05f 9/02.

TURNING AND AFRATING MACHINES WITH IMPROVED FEEDING AND STACK BREAKING DEVICE.

Applicant : TRACTEL TIRFOR INDIA (P.) LTD., 15, GANESH CHANDRA AVENUE, CALCUTTA-700013, WEST BENGAL.

Inventor : DR. PRADIP KUMAR CHAKRAVARTY.

Application No. 1687/Cal/77 filed December 3, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

Turning and aerating composting machines with improved feeding and stack breaking devices comprising a feeding drum provided with two conveying screws mounted on the drum, placed on either side of it in opposed manner and extended on either side covering the total width of the stack, gather and shift the material from two sides towards central portion, wherein the central portion of the said feeding drum is provided with lifters to pick up the material so gathered and to transfer them to the conveyor.

CLASS 32F.c. 146771.
Int. Cl.-C07c 101/48.

PROCESS FOR THE PREPARATION OF NOVEL-W-AMINOCARBOXYLIC ACID AMIDES.

Applicant : CHINON GYOGYSZER ES VEGYESZETI TERVEZKEK GYARA RT., OF 1-5 TO U., BUDAPEST IV, HUNGARY.

Inventors : JASZLO FEUFR, DR. APRAD FURKA, DR. FERFNO SEBESTYEN, ANIKO HORVATH AND JOLAN HERCSEL NEF SZEPESPATAKY.

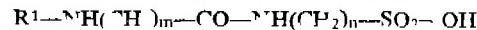
Application No. 118/Cal/78 filed February 1, 1978.

Division of Application No 672/Cal/77 filed May 5, 1977

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

6 Claims. No drawings.

A process for the preparation of a novel ω -amino-carboxylic acid amide of the general formula (I),



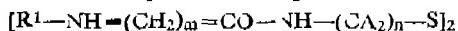
wherein R^1 is hydrogen or aryl-lower alkoxy carbonyl and m is 2 or 3 and n is 3, and the salts thereof, which comprises reacting a compound of the general formula (II),



wherein R¹ and m are as defined above, optionally in form of reactive derivatives thereof, with a compound of the general formula (III).



wherein n is as defined above, oxidizing by conventional methods a compound of the general formula (IV).



obtained, wherein R¹, and n and m are as defined above, and if desired, transforming a compound of the general formula (I) obtained into a corresponding compound of the general formula (I) wherein R¹ is hydrogen, by conventional methods, e.g. by hydrolysis and/or hydrogenolysis and/or transforming a compound obtained into a salt thereof, in a manner known per se.

CLASS 40F & 93. 146772.
Int. Cl.-B01j 1/00, 2/00, 2/12, A23a 15/00.

AN APPARATUS FOR CONTACTING FUSED SOLID MATERIALS WITH LIQUIDS, AND PARTICULARLY FOR EXTRACTING VEGETABLE MATERIALS.

Applicant: ALKALOIDA VEGYESZETI GYAR, OF TISZAVAS-VARI, HUNGARY.

Inventors: GABOR MACZKO, DEZSO TOBIAS, LASZLO BOZZAY, MIKLOS TAKACS AND RUDOLF KOVESDI.

Application No. 184/Cal/78 filed February 17, 1978.

Division of Application No. 1760/Cal/76 filed September 24, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

An apparatus for contacting fused solid materials with liquids, and particularly for extracting vegetable materials, comprising, in combination a rotary drum (1) having a longitudinal axis, an interior mantle and longitudinal baffles (6) along said mantle; said drum being supported (2) for rotating, a coaxially fixed console (11) each joined in liquid- and gas-tight manner to a respective faceplate (12) of said drum; said consoles lodging a feeding mechanism (45) and a removing device (28 and 30); a diverter baffle system mounted from said consoles throughout the interior of said drum, constituted by a stationary drum (43) having an interior mantle, a slanting lapping (44) being formed in a section of said stationary drum, resting on said consoles, following the topmost generatrix of said mantle of the stationary drum; pivotable diverting baffles (16) arranged along said lapping and a removal line (48) forming part of said removing device said diverting baffles being mounted on said stationary drum, in which the diameter of a cylindrical portion is nearly identical with that of a rotational envelope constituted by outer edges of said longitudinal baffles, an upper edge of said lapping being near said topmost generatrix, while its lower edge is above a liquid level, determined by the location of said removal line, at a distance equal to at least that between two of said longitudinal baffles.

CLASS 172E. 146773.
Int. Cl.-B21c 47/00.

A PRECISION WIRE TENSIONER.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventor: DURGAPPA RAJANNA.

Application No. 230/Del/77 filed September 8, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims.

A precision wire tensioner for use in a wire winding machine for winding precision components consists of (i) two spool carriers and a captive screw to fix the standard wire spool to a main spindle which is supported by means of ball bearing inside a bearing bush fixed inside a spindle block

mounted on a base plate, (ii) a drag cup fixed to the main spindle, and, (iii) a circular magnet fixed rotatably to the shaft of an electric motor by means of a coupling bush for revolving the circular magnet inside the drag cup whereby when the magnet rotates inside the drag cup, an eddy current flow is generated proportional to the revolutions of the drag cup, as a result of which the drag cup generates a torque in opposition whereby whenever the winding is stopped the drag cup pulls back the wire to the wire spool thereby maintaining the tension at a constant preset level.

CLASS—208.
Int. Cl.—B43k 7/08.

146774.

A WRITING INSTRUMENT.

Applicant & Inventor: PREMA BALASUBRAMANIAN, A3/231F, KAILASAPURAM TOWNSHIP, TIRUCHIRAPPALLI-620 014, TAMIL NADU.

Application No. 126/MAS/77 filed on 27th July, 77.

Appropriate office for opposition Proceedings (Rule 4, Rules, 1972), Patent Office, Madras Branch.

3 Claims.

A writing instrument comprising a head cover, a neck assembly and a body characterised in that the said neck assembly consists of an airvent barrel with an airvent hole provided in between two threaded portion of the said barrel, a ball point nib being press fitted into one end of the airvent barrel, the threaded portion nearer to the end having the nib, being provided with a slot, the said slot being positioned exactly behind, and above the airvent hole in the groove, a sliding needle weight assembly comprising a hollow cylindrical body having a hooked needle, a weight and a means for holding the said needle and weight in position, the said needle weight assembly being positioned in such a way that the needle slides into the ball point nib without coming into actual contact therewith the ball-nib and the sliding weight assembly being positioned into a hollowneck which in turn is screwed to the body of the writing instrument.

CLASS—107G.
Int. Cl.—F02b 77/08.

146775.

A DEVICE FOR PREVENTING EXCESSIVE BUILD UP OF PRESSURE IN THE FUEL TANKS OF COMBUSTION EQUIPMENT.

Applicant & Inventor: MANICKAM KUPPAN, NO. 153, CANAL BANK ROAD, INDIRA NAGAR, ADYAR, MADRAS-600 020.

Application No. 46/MAS/78 filed on 28th March, 78.

Comp. Specn. left April, 17, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

4 Claims.

A device for preventing excessive build up of pressure in the fuel tank of combustion equipment comprising a housing accommodating a chamber provided with first and second openings, the mouth of the first opening being engageable with an aperture provided on the said tank such that air from within the said tank is enabled to enter and occupy said chamber; an elastic diaphragm securely closing the second opening and expandable under pressure of the said air; a spring-loaded movable pointed member normally positioned away from the diaphragm by a catch; a slideable member accommodating the pointed member and resting against the diaphragm, leaving a portion thereof exposed, the arrangement being such that whenever the pressure of the said air reaches a given value, the expanded diaphragm thrusts the slideable member sufficiently away to trip the catch and cause the pointed member to be released under spring-force against the exposed part of the diaphragm to pierce it, thus resulting in the rupture of the said diaphragm and in the consequent reduction of the pressure by the escape of the said air, through the second opening, to atmosphere.

CLASS—199.
Int. Cl.—G01f 23/06.

146776.

A COMBINED LID AND FUEL GAUGE ASSEMBLY.

Applicant & Inventor : SYED WALIUDDIN, MINERVA ENGINEERING, 15-2-599, MAHARAJ GUNJ, HYDERABAD-500 012, ANDHRA PRADESH.

Application No. 61/MAS/77 filed on 26th March, 77.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims.

A combined lid and fuel gauge assembly comprising a dial calibrated in fluid volume units with a pointer disposed over the dial; a known drive system coupled to the pointer and a hinged float-member for floating on the fuel in the fuel tank of a vehicle, the float-member being coupled to the drive system, characterised by a body attachable to, and detachable from, the fuel-inlet of the fuel-tank to serve as a lid therefor, the drive system and float-member being mounted on the interior of the body for being actuated by a rise or fall in level of the fuel in the fuel-tank and the dial with pointer being mounted on the exterior of the body for indicating the fuel quantity in the fuel-tank.

CLASS—32E.

Int. Cl.-C08g 5/06, 5/10 & 5/12.

146777.

METHOD FOR PREPARING AN IMPROVED PHENOLIC RESIN.

Applicant : THE WESTERN INDIA PLYWOODS LTD., BALIPATAM, KERALA STATE.

Inventors : (1) CHALIKOTTUMMAL ABDURAHIMAN & (2) KELOTH KUNHAMMED KUTTY.

Application No. 244/MAS/76 filed on 6th December, 1976.

Comp. specification left Dec. 7, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

9 Claims. (No drawing)

A method for preparing an improved resin which comprises the steps of :—

- condensing a mono-or poly-phenol with formaldehyde in the presence of an oxide, hydroxide or carbonate of alkali or alkaline earth metals,
- preparing a solution of resorcinol in formalin or in ethanol, and
- condensing the product of step (a) with the solution of step (b) under alkaline or neutral conditions to form the resin and isolating the resin in any known manner such as herein described.

CLASS 14A & 33H.
Int. Cl.-H01m 35/08.

146778.

A BATTERY GRID AND METHOD OF MANUFACTURING THE SAME.

Applicant : GLOBE-UNION INC., P.O. BOX 591 MILWAUKEE, WISCONSIN 53201, UNITED STATES OF AMERICA.

Inventors : PAUL JOHN BUCKETHAL, ROY ERVING HENNEN, JEROME JOHN GROFF AND VINCENT MICHAEL HALSALL.

Application No. 385/Cal/77 filed March 17, 1977.

Complete Specification left March 17, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

31 Claims.

The method of forming a composite battery grid having an electrically conductive member and a plastic support, said conductive member comprising a terminal lug having a plurality of divergent conductive runners extending therefrom and said plastic support comprising a generally rectangular boundary within which is a plurality of inter-connected spaced runners forming a grid-like structure, comprising the steps of :

providing a first moldhalf having a pattern formed therein, said first mold half including retractable means placed within one or more portions of said pattern, said retractable means being movable between an extended position and a retracted position, said pattern being in the shape of at least part of a first structure, said first structure being one of said conductive member and said plastic support;

providing a second mold half having a pattern formed therein, said pattern being in the shape of the remainder of said first structure;

placing said first and second mold halves together with said retractable means in an extended position; introducing a first material in a liquid state into said first and second mold half patterns and allowing said first material to at least partially solidify and form said first structure, said first material being metal if said first structure is said conductive member and being plastic if said first structure is said plastic support; removing said second mold half while retaining said first material in said first mold half;

placing a third mold half adjacent said first mold half, said third mold half adjacent said first mold half, said third mold half having a pattern which overlies portions of said first mold half pattern including said retractable means, said third mold half pattern being in the shape of a second structure, said second structure being the other of said conductive member and said plastic support;

moving said retractable means to a retracted position to form vacated portions in said first moldhalf pattern and in communication with said third moldhalf pattern;

injecting a second flowable material into said third mold half pattern to cause said second material to liquify and flow into said vacated portions to form a mechanical joint between said first and second materials, said second material being plastic if said second structure is said plastic support and being metal if said second structure is said conductive material;

allowing said second material to solidify and form said second structure; and

removing the resulting molded battery grid from said first and third mold halves.

CLASS—191.
Int. Cl.-B41j 7/76.

146779.

A TYPING MECHANISM FOR TYPEWRITERS.

Applicant & Inventor : CHEERAM PARAMBIL, MUHAMMED, SALIM MANZIL, P.O. KAVUKKOD, VIA, CHALISERI, KERALA.

Application No. 232/MAS/76 filed on 30th November, 76.

Complete specification left Nov. 30, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims.

A typing mechanism for typewriters comprising a frame accommodating a plurality of typeheads inside the slits in the said frame and wherein each of the said typeheads is connected to one end of a pivotable lever, the other end of which lever is attracted by an electromagnet which, in turn, is actuated by the pressing of a key, the arrangement being such that the required typeheads are pushed out from the said frame to compose and type the desired letter when the key of that said letter to be typed is pressed.

CLASS—28G.
Int. Cl.—F24c 5/04.

146780.

IMPROVEMENTS RELATING TO A KEROSENE OIL STOVE WITH A TUBULAR WICK.

Applicant & Inventor : SATYAMANGALAM VENKATA-RAMANAN NARAYANAN, No. 20, KALIDAS ROAD, RAMNAGAR POST, COIMBATORE-641 009, TAMIL NADU.

Application No. 109/MAS/77 filed on 24th June, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

4 Claims.

A stove with a tubular wick and a burner comprising a set of four circular concentric tubes; (a) the inner most tube having a corrugated cross-section and a tapered closed bottom, (b) the next outer tube capable of being separated into an upper and a lower portion, the upper portion having a closed top end lying flush with and thereby closing the top end of the said inner most tube and provided with perforations and the lower portion having its lower open end welded to a central circular opening in the bottom of the oil-tank and its upper open end joined end-wise to the lower open end of the said upper portion to form a single tube, (c) the tube lying outermost but one also being separable into an upper and a lower portion, the upper portion having both ends open and provided with perforations only in its lower half and the lower portion having its lower open end welded to a central circular opening in the top-plate of the oil tank and the upper open end joined end-wise to the lower open end of the upper portion to form a single tube and (d) the outer most tube, having both ends open, and being supported on wire-legs which rest on the top-plate of the oil-tank.

CLASS—129K.
Int. Cl.—B23b 31/36.

146781.

A SELF CENTERING TAPPING CHUCK.

Applicant & Inventor : MANICKAM JAGANNATHAN, No. 276/4, I.C.F. (NORTH) COLONY, MADRAS-600 008, TAMIL NADU.

Application No. 119/MAS/77 filed on 14th July, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims.

A self centering tapping chuck comprising a body having a tapered bore and a threaded spigot at one end for securing the body to spindle of a machine tool, a through bore for a tap holder, a tapered bore at other end for accommodating jaws for holding shank of a tap, a lock nut adapted to be screwed on the said other end of the body, a locking screw for holding the tap holder tight and a dummy lever for gripping the body while the lock nut is tightened.

CLASS—116-B & 116-G.
Int. Cl.: B65g 65/04.

146782.

A SALT HARVESTER.

Applicant : MARTHI CONSULTANTS PRIVATE LIMITED, 'SRINIDHI', No. 3, LAKSHMANA CHETTIAR STREET, THYAGARAYANAGAR, MADRAS-600 017, TAMIL NADU.

Inventor : MARTHI GURUNATH VENKATESH MANNAR.

Application No. 146/MAS/77 filed on 3rd September, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims.

A salt harvester comprising a tractable framework with a prime mover for elevator means and conveyor means, mounted thereon; at least one cutting blade attached to the framework and disposed near ground-level, for cutting and peeling off salt from a salt-bed; elevator means and conveyor means mounted on the framework and coupled to the prime mover, the elevator means transferring the cut and peeled salt from the salt-bed to the conveyor means for being discharged theretrom wherever required.

CLASS—49F & 180.
Int. Cl.—A21b 1/44.

146783.

A COOKING OVEN.

Applicant : THE HYDERABAD AIWYN METAL WORKS LIMITED, SANATNAGAR, HYDERABAD-500018, ANDHRA PRADESH.

Inventor : METTU KOTT REDDY.

Application No. 27/MAS/78 filed on 27th February, 1978.

Complete specification left March 28, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims.

A cooking oven comprising an oven chamber; burner means mounted within the oven chamber; a tube mounted within the oven chamber for being rotatably driven by a prime mover, the said tube being provided with clamps for clamping the food substance to be cooked, the arrangement being such that with the burner in operation, the tube is rotatably driven by the prime mover to uniformly cook the food substance held between the clamps.

CLASS—94C & 94G.
Int. Cl.—A47j 43/07.

146784.

AN IMPROVED GRINER.

Applicant & Inventor : RAMASWAMY YEGNYARAAMAN, GRACE COTTAGE, S/45 I AVENUE, SHASTRI NAGAR, MADRAS-600020, TAMIL NADU.

Application No. 50/MAS/78 filed on 5th April, 78.

Complete specification left Nov. 10, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

3 Claims.

An improved grinder comprising a grinder member mounted on a turntable rotatably driven by a prime mover, characterised by a plurality of pins projecting outwardly from the top surface of the turntable and an equal number of mating slots correspondingly positioned on the base of the grinding member, such that as the grinding member is mounted on, or unmounted from, the turntable, the said grinding member is, simultaneously, coupled driveably with, or decoupled driveably from, the turntable.

CLASS 40B & 56B.
Int. Cl.-C10g 29/00.

146785.

PROCESS FOR THE CATALYTIC HYDROREFINING OF AN ASPHALTENIC HYDROCARBONACEOUS CHARGE STOCK EMPLOYING A CATALYST PROVIDED ON SUPPORT MATERIAL HAVING IMPROVED MACROPOROUS VOLUME.

Applicant : UOP INC., AT TEN UOP PLAZA—ALONG GUIN AND MT. PROSPECT ROADS, DES PLAINES, ILLINOIS, U.S.A.

Inventors : LARRY WAYNE PETRI AND JOHN EDWARD CONWAY.

Application No. 659/Cal/77 filed May 4, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

10 Claims. No drawings.

A process for the catalytic hydrorefining of an asphaltic hydrocarbonaceous charge stock containing at least one contaminant from the group of sulfurous compounds, and nitrogenous compounds, which comprises reacting said charge stock with hydrogen intact with a catalyst provided on a catalyst support or carrier material under conventional hydrorefining conditions which include a pressure of above 100 psig, a predetermined temperature and a pre-determined liquid hourly space velocity so as to convert the contaminant sulfurous and nitrogenous compounds into hydrogen sulfide, ammonia and hydrocarbons with simultaneous conversion of at least a portion of the charge stock into lower-boiling liquid hydrocarbons, characterised in that the catalyst support is prepared by:

(a) admixing a peptizing agent, a surfactant and a water-insoluble particulate organic polymer with a powdered refractory inorganic oxide, said organic polymer having a particle size of from 1 to 200 microns;

(b) extruding the resulting mixture; and,

(c) drying and calcining the extrudate product at a temperature effective to decompose said organic polymer.

CLASS 157D.
Int. Cl.-E01d 19/12, E01b, 3/00.

146786.

A RAILWAY SLEEPER AND A RAILWAY RAIL-AND-FASTENING ASSEMBLY EMPLOYING IT.

Applicant : PANDROL LIMITED, OF 9, HOLBORN, LONDON EC 1N 2NE, ENGLAND, FORMERLY OF 7 ROLLS BUILDINGS, FETTER LANE, LONDON EC4, ENGLAND.

Inventors : MAURICE RICHARD STOKES AND JOHN AYTO.

Application No. 780/Cal/77 filed May 24, 1977.

Concentration date May 27, 1976/(22174/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A rail tie comprising : a support surface on which a flange at the bottom of a railway rail is to stand; a projection which is fixed with respect to the remainder of the tie and is joined to it on one side of said support surface and part of which is higher than said support surface and such that it can lie above and close to the top of one side of the rail flange when the flange stands on said support surface; and a portion on the opposite side of said support surface which is fixed with respect to the remainder of the tie and projects higher than said support surface for locating the edge of the other side of the rail flange and forms a substantially horizontal passageway substantially perpendicular to the length of the rail tie, said passageway being closed at the top and open at least at one end and being suitable for receiving part of a rail clip for holding the rail down on the tie.

CLASS 1A & 104F & J.
Int. Cl.-C09j 3/00, D06m 13/00.

146787.

A RUBBER/FABRIC BONDING AGENT COMPOSITION AND A PROCESS FOR THE PRODUCTION OF THE SAME.

Applicant : BAYER AKTIENGESELLSCHAFT, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

Inventors : RUDIGER SCHUBART, AND KLAUS-DIETER AIBRECHT.

Application No. 1016/Cal/77 filed July 5, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A stable rubber/fabric bonding agent composition, comprising :

- (a) a resorcinol derivative such as herein described,
- (b) a formaldehyde donor,
- (c) calcium silicate and
- (d) a metal oxide of the second or third main group of the periodic system, in any proportion.

CLASS 48C.
Int. Cl.-B08g 30/00.

146788.

FLEXIBLE NON-TACKY PREPREGS AND METHOD OF MAKING SAME.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTRE, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : JAMES DAVID BLACKHALL SMITH AND ROBERT NEWELL KAUFFMAN.

Application No. 1018/Cal/77 filed July 5, 1977.

Division of Application No. 1256/Cal/1974 filed June 10, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A flexible non-tacky prepreg containing uncured resin and for bonding coils in high voltage devices, said prepreg comprising a fibrous mat material containing a substantially unreacted resinous mixture consisting essentially of a unreacted epoxy resin having an epoxy equivalent weight of from 360 to 400 and at least one sterically hindered anhydride which is substantially unreactive with the epoxy resin at ambient temperatures and is capable of providing a partial cure of said epoxy resin at a temperature of from 80 to 155°C, said mixture comprising from 25 to 400% by weight of said fibrous mat material.

CLASS 32F.c.
Int. Cl.-C07c 127/04.

146789.

IMPROVEMENT IN THE PROCESS FOR SYNTHESIZING UREA.

Applicant & Inventor : IVO MAVROVIC, OF 530 EAST 72ND STREET, NEW YORK, UNITED STATES OF AMERICA.

Application No. 1089/Cal/77 filed July 15, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

The improvement in the process for synthesizing urea wherein ammonia and carbon dioxide are reacted in a reactor at elevated urea synthesis pressure to form an aqueous urea solution containing ammonium carbonate, ammonia and water, and wherein said aqueous urea solution is split into a major stream and a minor stream thereof, comprising heating the major stream in an ammonium carbamate decomposer to a temperature above the decomposition temperature of ammonium carbamate to decompose a substantial portion of the ammonium carbamate therein to ammonia and carbon dioxide, to vaporize part of the excess ammonia and a part of the water therein and to expel the resulting decomposer off gas stream containing said vaporized excess ammonia and part of the water from the residual liquid phase of said major stream, and contacting the minor stream with the resulting decomposer off gas and with fresh carbon dioxide in indirect heat exchange with a relatively colder fluid as hereinbefore defined, whereby carbon dioxide contained in said decomposer off gas and the fresh carbon dioxide react with ammonia to form ammonium carbamate and a product containing the same, water, urea and ammonia is obtained, and heat of formation of said ammonium carbamate is transferred to the relatively colder fluid, and the resulting product is recycled to the urea synthesis reactor, the pressure of said aqueous urea solution is reduced from a range between 1500 psig and about 4000 psig to a value of the range from about 60 to about 700 pounds per square inch before the said solution is splitted into a major stream and a minor stream or after splitting the said aqueous urea solution into a major stream and a minor stream, the pressure of each of streams is reduced substantially to a value of the range from about 60 to about 700 pounds per square inch.

CLASS 27L.
Int. Cl.-E04c 2/08.

146790.

COLD ROLLER TRANSVERSELY REINFORCEMENT BARS.

Applicant : THE TATA IRON & STEEL COMPANY LIMITED, LF JAMSHEDPUR, BIHAR, INDIA.

Inventors : BISWANATH PANDA, DR. SURINDER MOHAN MEHRA, UMESH SINGHAL AND DHARMBIR GADH.

Application No. 1288/Cal/77 filed August 18, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A method of producing cold rolled transversely ribbed reinforcement bars in which a plain round bar is first rolled through a set of rolls mounted at 120° to one another to form the bar with three lobes at 120° to one another and again rolling the three lobes bar through a second set of ribbed rolls also mounted at 120° to one another.

OPPOSITION PROCEEDINGS

An opposition has been entered by Research Designs & Standards Organisation, Ministry of Railways, Lucknow to the grant of a patent on application No. 146120 made by Pandrol Limited.

CORRECTION OF CLERICAL ERRORS UNDER SECTION 78(3)

(1)

The title of the invention in the application and specification as well as opening description of the specification of application for patent No. 143593 (earlier numbered as 487/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 31st December, 1977 has been corrected to read as "A valve for a rotary valve internal combustion engine", under section 78(3) of the Patents Act, 1970.

(2)

The title of the invention in the application and specification as well as opening description of the specification of patent application No. 143605 (earlier numbered as 527/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 31st December, 1977 has been corrected to read as "Method and apparatus for wet-drafting an assembly of staple fibres and fibres-strand and twistless yarn obtained therefrom", under section 78(3) of the Patents Act, 1970.

(3)

The title of the invention in the application, specification and also the opening description of the specification in respect of patent application No. 143703 (earlier number as 484/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 14th January, 1978 have been corrected to read as "An alternating-current magnet core and a process for its manufacture", under section 78(3) of the Patents Act, 1970.

(4)

The title of the invention the application and specification as well as opening description of the specification of application for patent No. 143958 (earlier numbered as 2100/Cal/76) the acceptance the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 4th March, 1978 has been corrected to read as "An aerator and an installation for the aeration of a liquid incorporating it", under section 78(3) of the Patents Act, 1970.

(5)

The title of the invention in the application and specification as well as opening description of the specification of patent application No 144094 (earlier numbered as 1612/Cal/76) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 25th March, 1978 has been corrected to read as "Process and apparatus for shaping and curing compositions comprising thermosetting resins and elastomers and a shaped article obtained therefrom", under section 78(3) of the Patents Act, 1970.

(6)

The title of the invention in the application and specification as well as opening description of the specification of patent application No. 144592 (earlier numbered as 138/Mas/76) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 20th May, 1978 has been corrected to read as "A method of preparing a foundry sand composition for use in moulding and casting and the sand composition so prepared", under Section 78(3) of the Patents Act, 1970.

(7)

The title of the invention in the application and specification as well as opening description of the specification of patent application No. 144742 (earlier numbered as 1306/Cal/76) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 1st July, 1978 has been corrected to read as "A rotary regenerative preheater" under section 78(3) of the Patents Act, 1970.

(8)

The title of the invention in the application and specification as well as opening description of the specification of patent application No. 144790 (earlier numbered as 867/Cal/75) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 8th July, 1978 has been corrected to read as "Heatable window pane and vehicle incorporating it", under section 78(3) of the Patents Act, 1970.

(9)

The title of the invention the application and specification as well as opening description of the specification of application for patent No. 144800 (earlier numbered as 959/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 8th July 1978 has been corrected to read as "An installation control valve and a firefighting installation incorporating it", under section 78(3) of the Patents Act, 1970.

(10)

The title of the invention in the application and specification as well as opening description of the specification of patent application No. 144824 (earlier numbered as 869/Cal/76) the complete specification of which was notified in Part III Section 2 of the Gazette of India dated the 15th July, 1978 has been corrected to read as "Process and device for forming sheets or plates from thermoplastic material and sheets and plates obtained therefrom", under section 78(3) of the Patents Act, 1970.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undenoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

87074 122179 125288 126828 131990 137448 137451 137452

(2)

137444 137445 137457 137458 137459 137460 137461 137462
137463 137464 137466 137467 137468 137469 137470 137472
137473 137476 137477 137478 137479 137482 137483 137484

(3)

140110 140111 140112 140113 140114 140115 140116 140117
140119 140120 140122 140123 140124 140125 140126 140127
140128 140130 140131 140134 140135 140137 140138 140140
140141 140142 140143 140144 140145 140146 140147 140148
140149 140150 140152 140153 140154 140155 140156 140157
140159 140160.

PATENTS SEALED

142806 142807 142950 143018 143020 143162 143210 143330
143371 143396 143424 143523 143708 143809 143862 144027
144113 144129 144137 144161 144226 144269 144294 144357
144361 144444 144531 144672 144861 144907 145030 145146
145190 145194 145293 145296 145439 145460 145467 145469
145470 145472 145521 145561 145562 145565 145566 145567

145569 145591 145613 145620 145621 145626 145629 145634
 145639 145641 145642 145643 145650 145651 145653 145659
 145663 145665 145668 145672 145674 145682 145686 145687
 145688 145689 145691 145694 145696 145701 145706 145712
 145718 145721 145726 145728 145731 145732 145734 145739
 145741 145744 145748 145750 145761 145770 145771 145798
 145799 145804 145805 145808 145816 145828

**CLAIM UNDER SECTION 20(1) OF THE
PATENTS ACT, 1970**

(1)

The claim made by Harilal Ambaram Panchal and Karsandas Mavjibhai Patel under Section 20(1) of the Patents Act, 1970 to proceed the application for patent No. 143807 in their name has been allowed.

(2)

The claim made by Harilal Ambaram Panchal and Karsandas Mavjibhai Patel under Section 20(1) of the Patents Act, 1970 to proceed the application for Patent No. 144807 in their name has been allowed.

(3)

The claim made by Harilal Ambaram Panchal and Karsandas Mavjibhai Patel under Section 20(1) of the Patents Act, 1970, to proceed the application for patent No. 144876 in their name has been allowed.

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given Sir W. G. Armstrong Whitworth & Company (Engineers) Limited, of Aberdeen Avenue, Trading Estate, Slough, Berkshire, SL1-4HG, England, a British Company, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 143574 for "Improved compression ignition internal combustion engine". The amendments are by way of correction as to describe and ascertain the invention more correctly and precisely. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagdish Bose Road, Calcutta-17 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall left within one month from the date of filing the said notice.

(2)

Notice is hereby given that Samson Borisovich Kogan & others, of USSR, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 145594 for "Process for preparing catalyst for dehydrogenation of paraffin hydrocarbons to olefins". The amendments are by way of explanation and correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Chandra Bose Road, Calcutta-700017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall left within one month from the date of filing the said notice.

**PATENTS DEEMED TO BE ENDORSED WITH
THE WORDS "LICENCES OF RIGHT"**

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the Invention
137570	(18-2-74) A process for production of protein containing foodstuff by cultivating microorganism.
137657	(4-4-73) Method of manufacturing coke for blast furnaces without causing the fusion of the coke.

RENEWAL FEES PAID

95068 101126 101218 101245 102585 101613 101785 105279
 105280 106553 106622 106833 106841 106895 106930 108889
 111873 111884 111998 112074 112229 112233 112344 116204
 117141 117160 117253 117553 117852 122793 122900 122933
 122981 123076 123109 123148 123301 123327 123352 124118
 126934 127831 127887 128039 128216 128548 130924 131591
 131779 131954 131965 132145 132146 132451 132460 132466
 132622 132639 132645 132734 132890 132948 135349 135499
 135776 135987 136219 136231 137963 138139 139627 139043
 139185 139224 139476 139561 139581 139609 139627 139644
 139685 139879 139963 139964 140025 140055 140085 140287
 140354 140409 140463 140495 140508 140593 140826 140863
 141206 141210 141321 141548 141556 141639 141849 142073
 142322 142342 142448 142502 142671 142862 143087 143158
 143450 143625 143640 143739 143764 143773 143776 143777
 143797 143881 143890 143899 143904 143910 143915 144057
 144058 144285 144287 144337 144343 144352 144461 144497

CESSATION OF PATENTS

121376 130045 130050 130051 130069 130071 130083 130091
 130097 130106 130110 130119 130122 130136 130138 130139
 130140 130142 130145 130157 130159 130160 130163 130183
 130186 130197 130203 130209 130221 130228 130233 130234
 130256 130260 130262 130271 130279 130280 130289 130290
 130306 130308 130319 130321 130335 130350 130374 130393
 130415 130430 130449 130465 130478 130488 130500 130514
 130524 130529 130532 130581 130637 130647 130682 130683
 130684 130685 130686 130693 130710 137103 137314 137878
 137916 138038

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for Restoration of Patent No. 103912 and its Patent of addition No. 104152 dated the 16th February 1966 made by Franz Plasser Bahnbaumaschinen on the 3rd August 1979 and notified in the Gazette of India, Part III, Section 2 dated the 20th January 1979 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 104532 dated the 25th March 1966 made by Tien Chioh Tso and George Steffens on the 13th October 1978 and notified in the Gazette of India, Part III, Section 2 dated the 13th January 1979 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application No. 128449 dated the 16th September 1970 made by Uzina Chimica Carbosin on the 25th July 1978 and notified in the Gazette of India, Part III, Section 2 dated the 23rd September 1978 has been allowed and the said patent restored.

(4)

Notice is hereby given that an application for restoration of Patent No. 133739 dated the 25th November 1971 made by Mighail Anatolievich Trzhetsyak, Mikhail Ermilovich Fiolov, Leonid Ivanovich Lyaljushkin, Alexandre Ivanovich Kafganov and Adam Pavlovich Marjushkin on the 23rd October 1978 and notified in the Gazette of India, Part III, Section 2 dated the 20th January 1979 has been allowed and the said patent restored.

(5)

Notice is hereby given that an application for restoration of Patent No. 141789 dated the 30th June 1975 made by Makarand Madhusudan Bapat on the 16th May 1978 and notified in the Gazette of India, Part III, Section 2 dated the 12th August 1978 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Class 1. No. 147970. Genelec Limited, (a company incorporated under the provisions of Indian Companies Act) of Hindlight House, Subhash Road, Jogesh-

war (East), Bombay-400060, State of Maharashtra, India. "Tube light fixture". January 17, 1979.

Class 1. No. 148036. Suleiman Ismail Ghare, an Indian Citizen trading as, New Style Optical Industries William Compound, Mithi Chowk, Marve Road, Malad (West), Bombay, Maharashtra, India. "A hinge pin". January 24, 1979.

Class 3. No. 147978. Bagop Electronics, 2, Gita Nagar, Rajkot-2, Gujarat State, an Indian partnership firm. "Gas lighter". January 19, 1979.

Class 4. No. 147980. United Trading Corporation, 69-A, Mittal Chambers, 6th Floor, Nariman Point, Bombay-400021, Maharashtra, an Indian Proprietary firm. "Bottle with cap". January 19, 1979.

Class 10. No. 147969. VYN Footwear, (a partnership firm duly registered under the Act) of 57-A, Government Industrial Estate, Kandivli, Bombay-400067, State of Maharashtra, India. "Foot wear". January, 17, 1979.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (DESIGNS)

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration.

122988. Shri Rakesh Kamboj and
Shrimati Shanti Devi Kamboj.

S. VEDARAMAN
Controller-General of Patents, Designs
and Trade Marks

